



CAL FIRE

Office of the State Fire Marshal

Wildfire Mitigation Advisory Committee Meeting

October 18, 2022

Call to Order

Welcome!



If you have technical difficulties during this meeting, please contact Kara Garrett at (916) 201-5539 or Kara.Garrett@fire.ca.gov

Roll Call / Quorum Established

- The State Fire Marshal
 - **Mike Richwine**
- Department of Forestry and Fire Protection
 - **Curtis Brown**
- Department of Conservation
 - **Keali'i Bright**
- Office of Energy Infrastructure Safety
 - **Caroline Thomas Jacobs or Sandy Cooney**
- State Board of Forestry and Fire Protection
 - **J. Lopez**

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Roll Call / Quorum Established

- Governor's Office of Emergency Services
 - **Ryan Buras or Robert Troy**
- California Department of Insurance
 - **Deborah Halberstadt or Mike Peterson**
- Governor's Office of Planning and Research
 - **Michael Maguire (sitting in for Neil Matouka)**
- California Fire Safe Council
 - **Jessica Martinez**
- Insurance Institute for Business & Home Safety
 - **Roy Wright**

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Roll Call / Quorum Established

- California Fire Chiefs Association
 - **Dave Winnacker or Todd Lando**
- California Building Industry Association
 - **Christopher E. Ochoa or Nick Cammarota**
- University of California Cooperative Extension
 - **Lenya N. Quinn-Davidson**
- California Fire Science Consortium
 - **Yana Valachovic**
- Department of Housing and Community Development
 - **Maziar Movassaghi or Clay Kerchof**

Roll Call / Quorum Established

- Rural County Representatives of California
 - **Staci Heaton**
- California Association of Resource Conservation Districts
 - **Sophia Lemmo**
- League of California Cities
 - **Sean McGlynn**
- California State Association of Counties
 - **Catherine Freeman**
- A representative from tribal government
 - **Don Hankins**

Approval of Past Meeting Minutes – Motion Required

WILDFIRE MITIGATION ADVISORY COMMITTEE MEETING
Meeting Minutes – Tuesday, September 20, 2022
Posted 10/4/2022



Committee Members Present

Curtis Brown, Department of Forestry and Fire Protection (Virtual)
Mike Richwine, Office of the State Fire Marshal
Caroline Thomas Jacobs, Office of Energy Infrastructure Safety
J. Lopez, State Board of Forestry and Fire Protection
Robert Troy, California Office of Emergency Services
Deborah Halberstadt, California Department of Insurance (Virtual)
Sloane Viola, Office of Planning and Research (Virtual)
Julia Marsili, California Fire Safe Council
Roy Wright, Insurance Institute for Business & Home Safety
Dave Winnacker, California Fire Chiefs Association (Virtual)
Christopher Ochoa, Representative from the Building Industry
Lenya N. Quinn-Davidson, University of California Cooperative Extension (Virtual)
Yana Valachovic, California Fire Science Consortium (Virtual)
Maziar Movassaghi, Department of Housing and Community Development
Staci Heaton, Rural County Representatives of California
Sophia Lemmo, California Association of Resource Conservation Districts (Virtual)
Catherine Freeman, California State Association of Counties
Don Hankins, Professor, CSU Chico

Members Absent

Department of Conservation
League of California Cities

CAL FIRE Staff in Attendance

Daniel Berlant, Deputy Director
Steve Hawks, Assistant Deputy Director
Andrew Henning, Assistant Deputy Director
Frank Bigelow, Staff Chief
Jim McDougald, Staff Chief
John Morgan, Deputy Chief
Matt Damon, Deputy Chief (Virtual)
Justine Grafton, Associate Governmental Program Analyst
Dennis O'Neil, Assistant Chief
Jamie Sammut, Staff Counsel (Virtual)
Tony Andersen, Deputy Director - Communications (Virtual)
Crystal Sujeski, Deputy State Fire Marshal (Virtual)
Daniel Bluford, Staff Services Analyst
Kara Garrett, Associate Governmental Program Analyst

1. CALL TO ORDER 1:00 PM

A. Welcome

The meeting was called to order at 1:00 PM by Mike Richwine.

Mike Richwine

**Scan the QR Code Below to Access the
Complete Meeting Minutes Document!**



Agenda Review – Motion Required

WILDFIRE MITIGATION ADVISORY COMMITTEE MEETING
Meeting Agenda – Tuesday, October 18, 2022, 1:00 PM – 3:00 PM
Posted 10/4/2022 - Revised 10/14/2022



Location:

CNRA Building, 715 P Street, 2nd Floor Conference Room 2-221
Sacramento, CA 95814

Zoom Meeting Information –

Please click the link below to join the webinar:

<https://us06web.zoom.us/j/85192423489?pwd=dnZYaUhXVFliUTFmT21nMzJYYVlxQT09>

Passcode: 462073

1. CALL TO ORDER

- A. Welcome
- B. Roll Call/Quorum Established
- C. Approval of Past Meeting Minutes (Motion Required)
- D. Agenda Review (Motion Required)

2. OLD BUSINESS

- A. Risk Modeling
 - 1) Work Group Update
 - 2) Risk Modeling Workgroup Charter (Motion Required)
- B. SB 190 - Model Defensible Space Ordinance
- C. Division Report

3. NEW BUSINESS

- A. Wildfire and Resilience Task Force – Kristen Merrill and Steve Hawks
- B. Northern California Prescribed Fire Council: Claims Fund for Prescribed Fire and California State-Certified Burn Boss Program – Lenya Quinn-Davidson
- C. CAL FIRE – Damage Inspection Program (DINS) Presentation – Frank Bigelow and John Morgan

4. ROUNDTABLE

5. PUBLIC COMMENT

6. UPCOMING MEETING DATES FOR 2022

- A. Third Tuesday of each month starting at 1 PM and ending at 3 PM.
- B. Next meeting is November 15, 2022, at our normal location:
 - 1) CNRA Building, 715 P Street, 2nd Floor Conference Room 2-221
 - Sacramento, CA 95814

7. MEETING ADJOURNMENT (Motion Required)

Risk Modeling Advisory Workgroup Charter

Motion Required



RISK MODELING ADVISORY WORKGROUP

CAL FIRE - Office of the State Fire Marshal Risk Modeling Advisory Workgroup Charter

PURPOSE

The Risk Modeling Advisory Workgroup (Workgroup) will provide a means to understand and model wildfire risk for a community and specified parcels through the input of mitigating factors. The Workgroup will provide a forum for subject matter experts in wildfire related fields to address wildfire risk modeling issues of statewide concern. **CAL FIRE shall post the recommendations on how to understand and model risk for a community and specific parcel on the department's internet website.**

GOALS AND OBJECTIVES

The Workgroup is being formed pursuant to Assembly Bill 642 (Chapter 375, Statutes of 2021) to act in an advisory capacity to CAL FIRE, **in consultation with** the State Fire Marshal and the Insurance Commissioner on wildfire risk modeling. This Workgroup reports to the Wildfire Mitigation Advisory Committee.

Goal:

To provide science based solutions to enable CAL FIRE, in consultation with the State Fire Marshal, and the Insurance Commissioner to make recommendations on how to understand and model wildfire risk for a community and specific parcels within the local responsibility area or state responsibility area through the input of mitigating factors.

Objectives:

- Provide science based solutions to enable CAL FIRE, in consultation with the State Fire Marshal, and the Insurance Commissioner to make recommendation on how to understand and model wildfire risk on or before July 1, 2023
- Provide a discussion on how parcels can affect the risk of other parcels in close proximity to each other and what impacts that has on wildfire risk modeling
- Provide an evaluation of the effectiveness of using natural infrastructure as a community buffer and what impacts that has on wildfire risk modeling
- **Review and provide a list of relevant wildfire risk research models from science, academia and industry, and other sources and their purpose and relevant attributes.**
- Provide a list of identified barriers to determining the wildfire risk of a community and specific parcels

WORKGROUP MEMBERSHIP

Members of the Workgroup shall be all of the following:

- The State Fire Marshal, or their designee
- The Director of Emergency Services, or their designee
- The Insurance Commissioner, or their designee
- The Director of State Planning and Research, or their designee
- The Director of Housing and Community Development, or their designee
- A representative from insurers that has appropriate expertise in wildfire risk modeling, such as exposure measurement, risk modeling, and actuarial expertise, to be appointed by the department
- A representative from an insurance research organization that has appropriate expertise in wildfire risk modeling, such as exposure measurement, risk modeling, and actuarial expertise, to be appointed by the department
- A fire chief representative, to be appointed by the department in consultation with the California Fire Chiefs Association and the Fire Districts Association of California
- A fire prevention officer representative, to be appointed by the department in consultation with the California Fire Chiefs Association and the Fire Districts Association of California
- A representative from the California Professional Firefighters, to be appointed by the department
- A representative from the California Fire Science Consortium, to be appointed by the department
- A representative from the California Building Industry Association, to be appointed by the department
- A representative from a rural city or county of local government, to be appointed by the department
- A representative from a local government, to be appointed by the department

The State Fire Marshal may decide to add any other appropriate stakeholders, including representatives from local governmental agencies.

The chairperson of the Committee shall be the State Fire Marshal, or the State Fire Marshal's designee. The vice chairperson of the advisory workgroup shall be the person filling the fire chief representative position.

The appointed members of the advisory workgroup shall serve at the pleasure of the department. The members of the Workgroup shall serve without compensation, but

Risk Modeling Advisory Workgroup Charter

Motion Required

each member shall be reimbursed for their actual and necessary expenses incurred in the performance of their duties.

MEETINGS

- Schedule
 - The Committee shall meet on the third Monday of each month. If the meeting lands on a holiday, the Committee shall postpone and meet on the subsequent Monday.
- Location
 - Meetings shall be regularly scheduled in Sacramento.
 - Meetings may be scheduled throughout the state on an as-needed basis.
- Meetings will not be cancelled without cause.

In order to ensure consistency and transparency, the following Roberts Rules of Order shall be adhered to:

- An approved published agenda,
- Meeting minutes,
- A quorum,
- Motions and seconds, and
- Voting requirements (including requests for roll call voting).

Rules for recognition and timelines for debate will be suspended unless specifically enacted by the membership.

Meetings may be rescheduled if the Committee is unable to meet a quorum.

A motion will be passed by a simple majority of the entire voting membership.

All members, voting and non-voting, may submit informational, discussion, and/or action items for the agenda prior to the meeting. Agenda items will take precedent and non-agenda items may be transacted upon if time permits.

COMMITTEE PROTOCOL

- The Committee shall comply with Bagley-Keene Open Meeting Act
- Only items listed on the published agenda as "Motion Required" may be acted upon
- The Committee chair has the authority to set time limits on any agenda item

PROCESS

- The Community Wildfire Preparedness and Mitigation Division will provide administrative support to the Committee
- Agenda items should be submitted to the Committee coordinator four weeks before the scheduled meeting date
- Minutes will be taken at each meeting that capture the essence and actions of the meeting
 - Draft minutes will be posted on the Office of the State Fire Marshal website for review by the Committee and other interested parties
 - After approval at the next meeting, final minutes will be posted on the Office of the State Fire Marshal website

QUORUM

A simple majority (50% plus 1) of the committee membership shall be a quorum.

RESPONSIBILITY OF THE CHAIR

- Interpretation and decisions are the purview of the chair

Risk Modeling Advisory Workgroup Update

- More information will be shared as the workgroup moves forward.
- Contacts for the workgroup are listed below:
 - Jim McDougald
 - Jim.McDougald@fire.ca.gov
 - Celeste Jovanovic
 - Celeste.Jovanovic@fire.ca.gov



SB 190

Model Defensible Space Ordinance Update

- Feedback is currently being tracked by staff.
- Input has been received from the following:
 - RCRC's 9-member Wildfire and Forest Stewardship Ad Hoc Committee
 - Clint Celio - Alpine County's California Fire Safe Council County Coordinator
 - Jacob Gilliam - CAL FIRE BTU Fire Captain
 - Casey Hatcher - Deputy Chief Administrative Officer and Butte County Administration
 - Insurance Institute for Business & Home Safety
 - Milad Shabanian



A photograph of a forest fire at night. In the foreground, a dirt road with two tracks leads into the distance. To the right, a large, dark evergreen tree stands prominently. In the background, a forest of tall trees is engulfed in bright orange and yellow flames, with thick smoke rising into the dark sky.

Division Report

Community Wildfire Preparedness and Mitigation

- Wildfire Risk Reduction
- Wildfire Planning & Statistics
- Upcoming Webinar Information

Division Report

Wildfire Risk Reduction

- **Burn Permits:**
 - Policy and Procedures are being drafted now for the anticipated roll out of the new app.
- **Land Use Planning / Safety Elements:**
 - Staff have been actively engaged in numerous statewide projects of interest including:
 - Working with Cal OES on the State Hazard Mitigation Plan.
 - Working with OPR on the Wildfire Plan Alignment Guide.
 - Developing training for local planners on Land Use Planning for Wildfires.
- **Defensible Space :**
 - The Department has completed just under 180,000 D-Space inspections during this calendar year. This is 17,000 more than the Department had completed by this same time last year, with the increase being attributed to increased funding and permanent staffing.



Division Report

Wildfire Risk Reduction

- **Subdivision Review:**
 - Surveys recently completed in LA County and Sonoma County, approx. 100 subdivision surveys will be up for review and approval by the BOF in November. Work continues in several areas, including El Dorado and Fresno Counties. Staff continue to collaborate with the local agency on recommendations to improve fire safety.
- **Firewise USA:**
 - California continues to lead the nation with 590 National Fire Protection Association (NFPA) Firewise USA Communities in good standing, equating to over 25% of all NFPA Firewise USA Communities nationwide. Staff are fielding lots of inquiries statewide as interest in the program continues to grow.
 - We will likely surpass the 600 mark within the next month or so!



Division Report

Wildfire Risk Reduction

- Utility Wildfire Mitigation:

- Developed a Utility Wildfire Mitigation Program website that provides:
 - Program Description
 - Program Contacts
 - Information on Public Resource Codes 4292/4293.
 - Powerline Fire Prevention Field Guide.
 - resource links to various utility fire prevention agencies, WMPs, etc.
 - Website can be found [here](#).
- Hired Utility Fire Mitigation battalion chief position, who started on 10/10/22.
- Site visit with PG&E and local SHU Unit for reviewing 13 powerline violations for approx. 80 identified hazard trees (leaning trees).
- Energy Safety released Draft 2023-2025 WMP guidelines for review and comments.



Division Report

Wildfire Planning and Statistics Update

- **California Incident Data & Statistics**
 - Completed uploading California's 2021 National Association of State Forester fire occurrence ignition data and working with them to get data uploaded into their new InFORM system. The new system will allow us to continue sharing our data using the new process that they plan to implement in future years.
 - CA-NFIRS data for 2021 as of the deadline:
 - Total Incidents = 3,381,188 (up by 386,000 incidents)
 - Invalid/Unreleased = 70,492 2.8% (They can be updated or corrected at any time, program assists Local Fire Departments with correcting the errors.)
 - Total number of participating fire departments = 570 (up 20 from last year)





Division Report

Wildfire Planning and Statistics Update

- Pre-Fire Planning

- Developing Fire Hazard Severity Zone training for Units & Contract Counties on procedures to conduct PRC-required public comment hearing, these will start on November 7th, 2022. Public hearings (one in each SRA county) will start December 15th thru the end of January.
- Monthly training is being scheduled for this winter for PFE engagement on SRA, DPA, Unit Fire Plans, and fire perimeter/ignition validations.
- The annual Pre-Fire training is being scheduled for early spring 2023.

(Continued on Next Slide)



Division Report

Wildfire Planning and Statistics Update

- Pre-Fire Planning

- Updates/improvements to the Pre-Fire Planning (Fire Plan) intranet page continue, we have been supporting several adjacent programs with our new staff and student/intern workforce. This includes developing new Camp/Crew/Facility maps, Local Contract maps, Radio Call Plan maps, CalMAPPER/AVL maps, and Leg maps, all being posted to their Program intranet webpages.
- Work is being done to resurrect CWPP data that had been hosted on now unsupported webpages (outside of CAL FIRES network). Similar efforts will begin for federally designated “Communities at Risk”.
- Efforts to roll out a ‘CalMAPPER Mobile’ app to improve field data collection is expected to rollout later this winter or early spring.

Division Report

**Join us for our next webinar on
November 1st at 11:30 AM!**

Featuring - Firewise Communities

Open to the general public, Fire Safe Councils, and anyone who would like to learn more about the Programs within the Community Wildfire Preparedness and Mitigation Division.

- The first webinar in the series was held on our Wildfire Prevention Grants program, with 225 attendees.
- All webinars are recorded and posted to our California Office of the State Fire Marshal YouTube Channel at youtube.com/channel/UCelazGRRGPnrJ-1KbaMzqEA.
- The Zoom meeting link for November 1st is available at bit.ly/CWPM_Nov1_Webinar.
- Visit osfm.fire.ca.gov/wildfire-public-education/ to learn more.

CAL FIRE - Office of the State Fire Marshal

COMMUNITY WILDFIRE PREPAREDNESS AND MITIGATION WEBINAR SERIES

Tuesday | 01 November 2022 | 11:30 AM | Via Zoom

 Join us for our next webinar!
Featuring: Firewise Communities 



- The purpose of this webinar is to host a live and interactive platform via Zoom to discuss and educate on Community Wildfire Preparedness and Mitigation (CWPM) fire safety topics.
- Open to the general public, Fire Safe Councils, and anyone who would like to learn more about the Programs within the Community Wildfire Preparedness and Mitigation Division.
- This webinar will be recorded and posted at a later time to our California Office of the State Fire Marshal YouTube Channel.

 Zoom Link Available at
bit.ly/CWPM_Nov1_Webinar

osfm.fire.ca.gov/wildfire-public-education/



**CALIFORNIA
WILDFIRE
& FOREST
RESILIENCE
TASK FORCE**

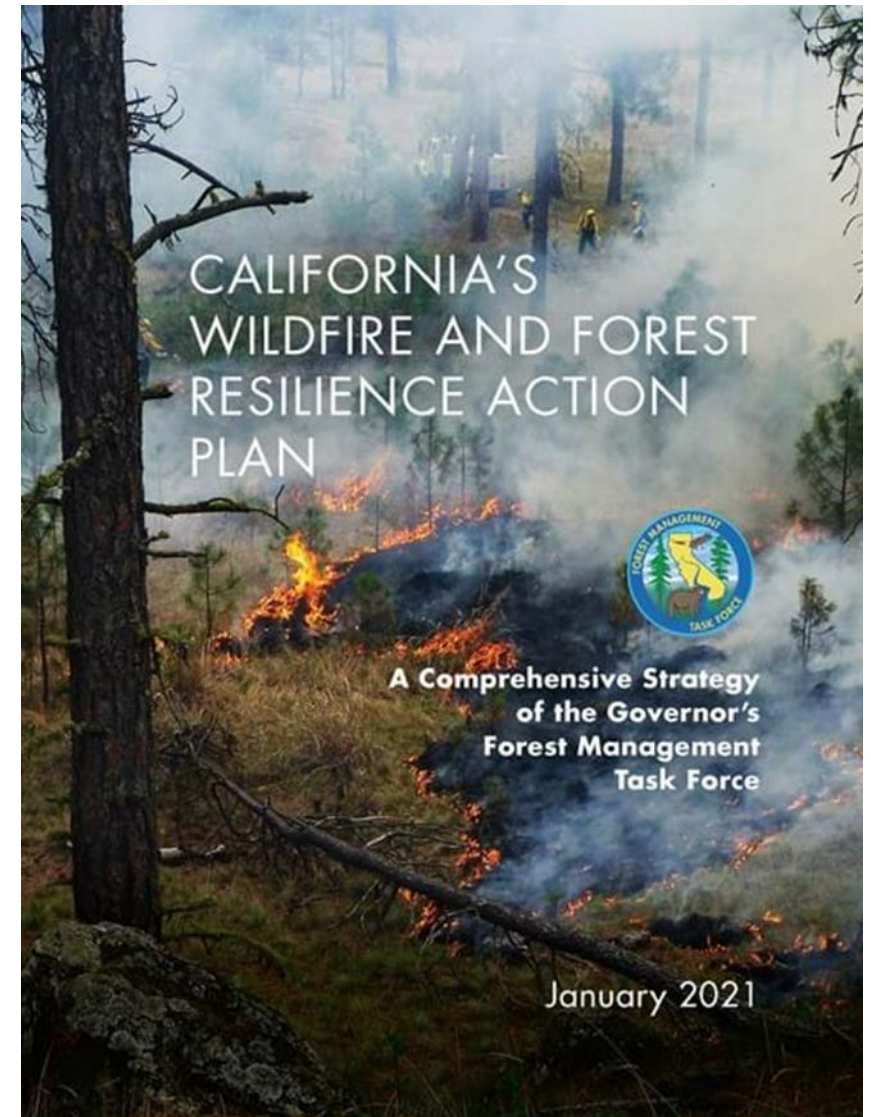
**Kristen Merrill
Program Manager
October 18, 2022**



WILDFIRE & FOREST RESILIENCE ACTION PLAN

- Comprehensive framework to strengthen community wildfire resilience and forest health
- Advances 4 goals:
 - Increase pace & scale of forest health projects
 - Strengthen protection of communities
 - Manage state's forests to achieve state's economic & environmental goals
 - Drive innovation & measure progress
- 99 specific deliverables by lead agencies

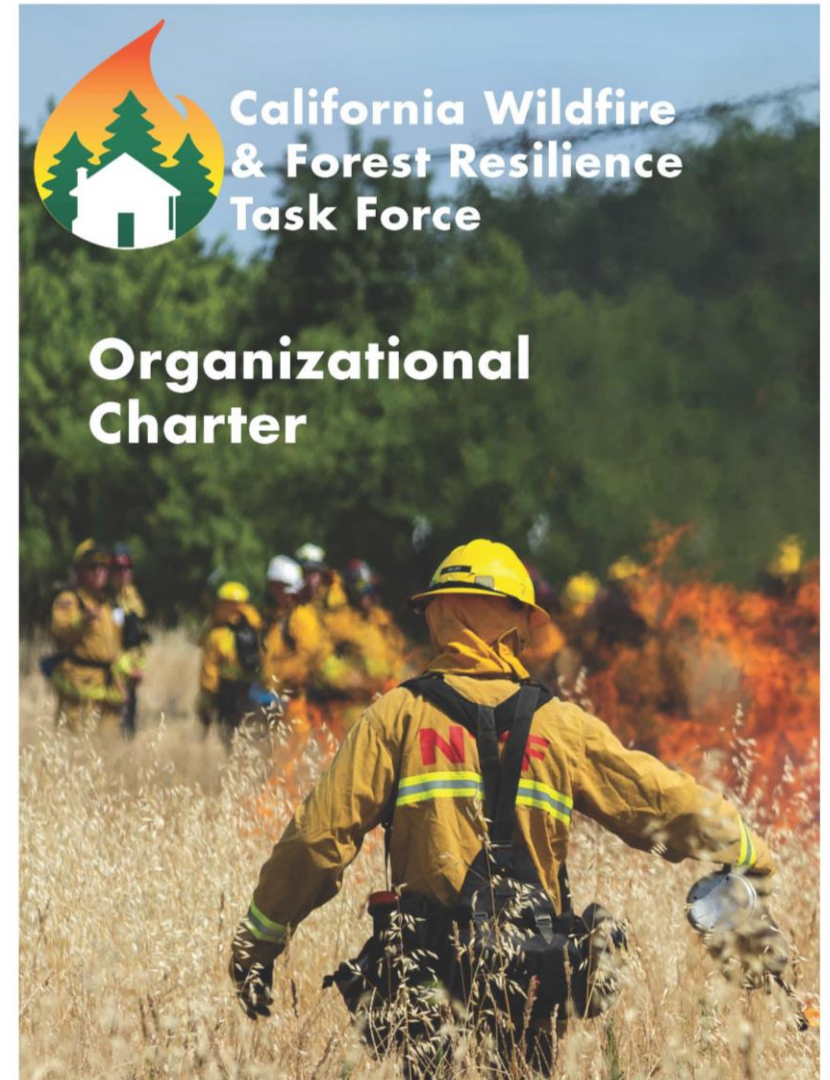
wildfiretaskforce.org/the-plan/



GOVERNOR'S TASK FORCE

- Launched in Summer 2022
- Expanded Leadership – State, federal, local & tribal
- Science Advisory Council
- Interagency/Stakeholder Workgroups

<https://wildfiretaskforce.org/the-plan/>





EXECUTIVE COMMITTEE

State	Federal	Local	Tribal
Wade Crowfoot, CNRA (Co-chair)	Jennifer Eberlien, USFS (Co-chair)	Stacy Corless, RCRC	Don Hankins, Inter-tribal Indigenous Stewardship Project
Yana Garcia, CalEPA	Richard Barhydt, PSW Research Station	James Gore, CSAC	
Joe Tyler, CAL FIRE			
Sam Assefa, OPR			

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CA

WILDFIRE & FOREST RESILIENCE

TASK FORCE



SENATE BILL 456

Sept. 28, 2021

- Implementation Strategy
- Annual progress report
 - **Treatment goals**
 - **Align budget & resources**
 - **Use advance predictive tools to determine priority areas for treatment to reduce fire risk**
- 5-year updates

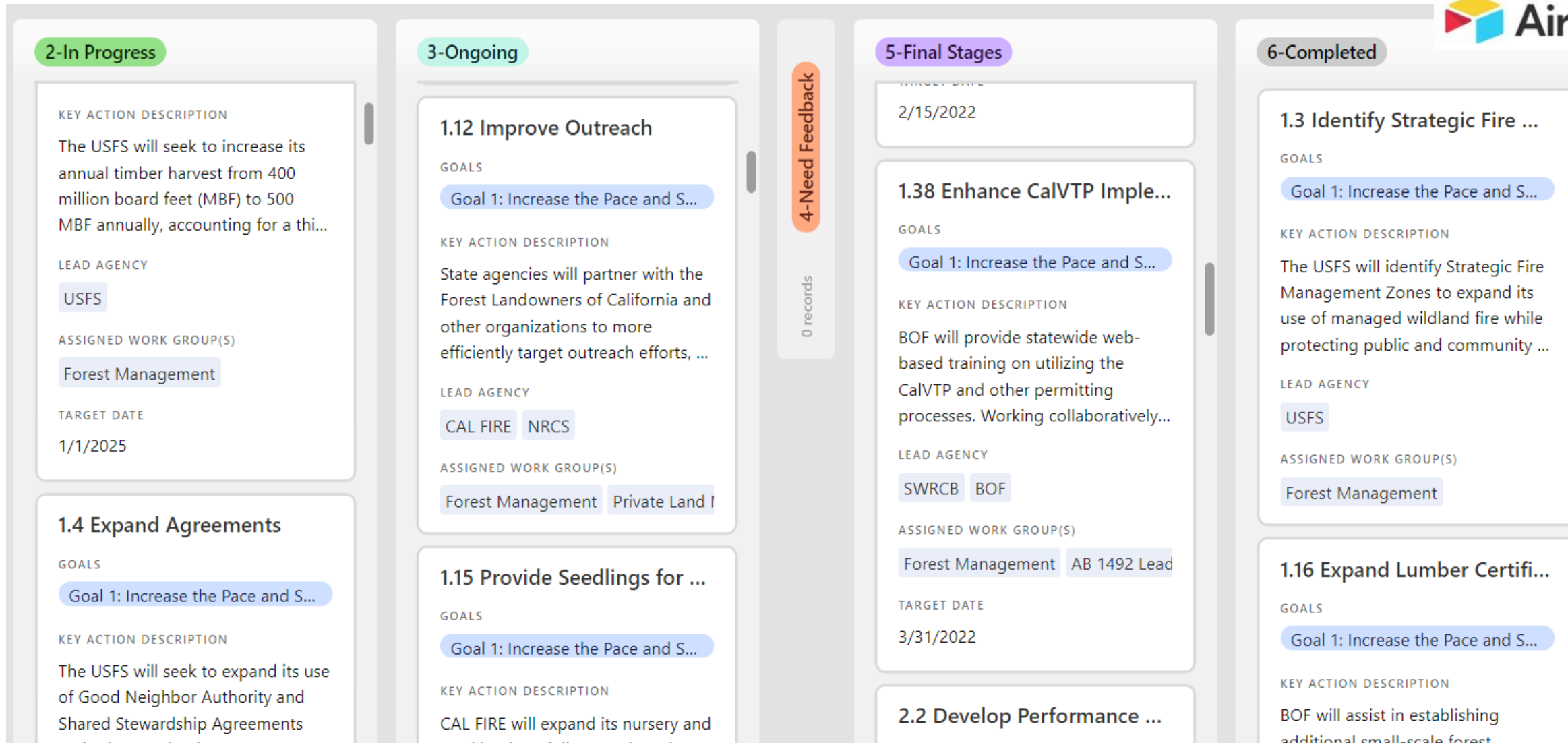
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KEY PRIORITIES

- Track Action Plan Deliverables & Expenditures
- Build Million-Acre Strategy
- Align with federal & state initiatives USFS 10-year Strategy





49 In Progress

22 Ongoing

16 Final Stages

12 Completed



Progress on 99 Key Actions

As of 10/17/2022

View details at:
wildfiretaskforce.org/



Wildfire and Forest Resilience Expenditure Plan

(\$ in Millions)

CA Wildfire & Forest Resilience Task Force Goal	Department	Program	Early Action 2020-21	FY 21/22*	FY 22/23	FY 23/24	Total
GOAL 1: Increase the Pace & Scale of Forest Health Projects	CAL FIRE	Forest Health Projects	\$155	\$160	\$120	\$120	\$555
		Assistance to Small Landowners (CFIP)	\$10	\$40	\$11	\$14	\$75
		Prescribed Fire & Hand Crews	\$15	\$35	\$35	\$35	\$120
		Prescribed Fire Liability Fund		\$20			\$20
		Tribal Engagement	\$1	\$19	\$10	\$10	\$40
		Forest Legacy*	\$6	\$24		\$19	\$49
		Post-Fire Reforestation & Regeneration*		\$50		\$50	\$100
		Reforestation	\$2	\$9	\$2	\$2	\$15
		Demonstration State Forests		\$10	\$5	\$5	\$20
	DOC	Regional Fire & Forest Capacity	\$50	\$60	\$20	\$20	\$150
	State Parks	Stewardship of State-Owned Lands	\$15	\$105	\$20	\$20	\$160
	CNRA				\$15	\$15	\$30
	CDFW		\$15	\$40	\$30	\$30	\$115
GOAL 2: Strengthen Protection of Communities	State Conservancies	Regional High-Priority Projects	\$69	\$139	\$35	\$135	\$378
	SWRCB	Regulatory Efficiency		\$2	\$2	\$2	\$6
	CAL FIRE & Cal OES	Home Hardening	\$25		\$13	\$12	\$50
		Fire Prevention Grants	\$123	\$120	\$115	\$117	\$475
		Unit Fire Prevention Projects	\$10	\$40	\$20	\$20	\$90
		Defensible Space Inspectors	\$2	\$13	\$5	\$5	\$25
		Contract Counties		\$14			\$14
	CAL FIRE & UC ANR	Land Use Planning & Public Education		\$7	\$4	\$5	\$16
	CA Conservation Corps	Forestry Corps & CCC Centers		\$27	\$20	\$20	\$67
	CalEPA/ CARB	Smoke & Public Health Programs		\$2	\$2	\$2	\$6
GOAL 3: Manage Forests to Achieve Economic & Environmental Goals	CAL FIRE	Urban Forestry*	\$10	\$40		\$10	\$60
		Transportation Grants for Woody Material			\$5	\$5	\$10
		Workforce Training	\$6	\$18	\$15	\$15	\$54
	iBank	Catalyst Fund/Market Strategy	\$16	\$31			\$47
	GO-Biz			\$2			\$2
	OPR	Market Development	\$3		\$2	\$2	\$7
GOAL 4: Drive Innovation & Measure Progress	CAL FIRE	Monitoring & Research	\$3	\$10	\$7	\$8	\$28
	CNRA	Remote Sensing		\$25	\$3	\$2	\$30
	CAL FIRE	Forest Data Hub		\$10			\$10
Total			\$536	\$1,072	\$516	\$700	\$2,824

MILLION-ACRE STRATEGY

Statewide Strategies

• Prescribed Fire	Final
• Planning & Permitting	July
• Recreation	September
• Reforestation	Draft
• Private Landowner Assistance	Draft
• Workforce Development	Draft

Data & Analytics

• Interagency Tracking System	Ongoing
• Inventory of Completed/Planned Projects	
• Needs Assessment for Forest Data Hub	
• Metrics and Prioritization Tools	

Regional Frameworks

• North Coast	May 2022
• Sierra Nevada	September 2022
• South Coast	January 2023
• Central Coast	May 2023



REGIONAL FRAMEWORK

People	Products/Activities
Task Force Interagency Teams	<ul style="list-style-type: none">• Regional Profiles• Regional Resource Kit<ul style="list-style-type: none">• Assessments of Current Conditions/Priority Areas• Metrics• Pillars of Landscape Resilience• Decision-Support System• Inventory of Completed and Planned Projects
Regional Partnerships	<ul style="list-style-type: none">• Landscape Plans• Pipelines of Projects
Partner Agencies	<ul style="list-style-type: none">• Landscape Investments (CAL FIRE, SNC)• Capacity Building Grants (RFFC)



2022-2023 TIMELINE



CA

WILDFIRE & FOREST RESILIENCE

TASK FORCE



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- E-newsletter
- Governor's Monthly Update

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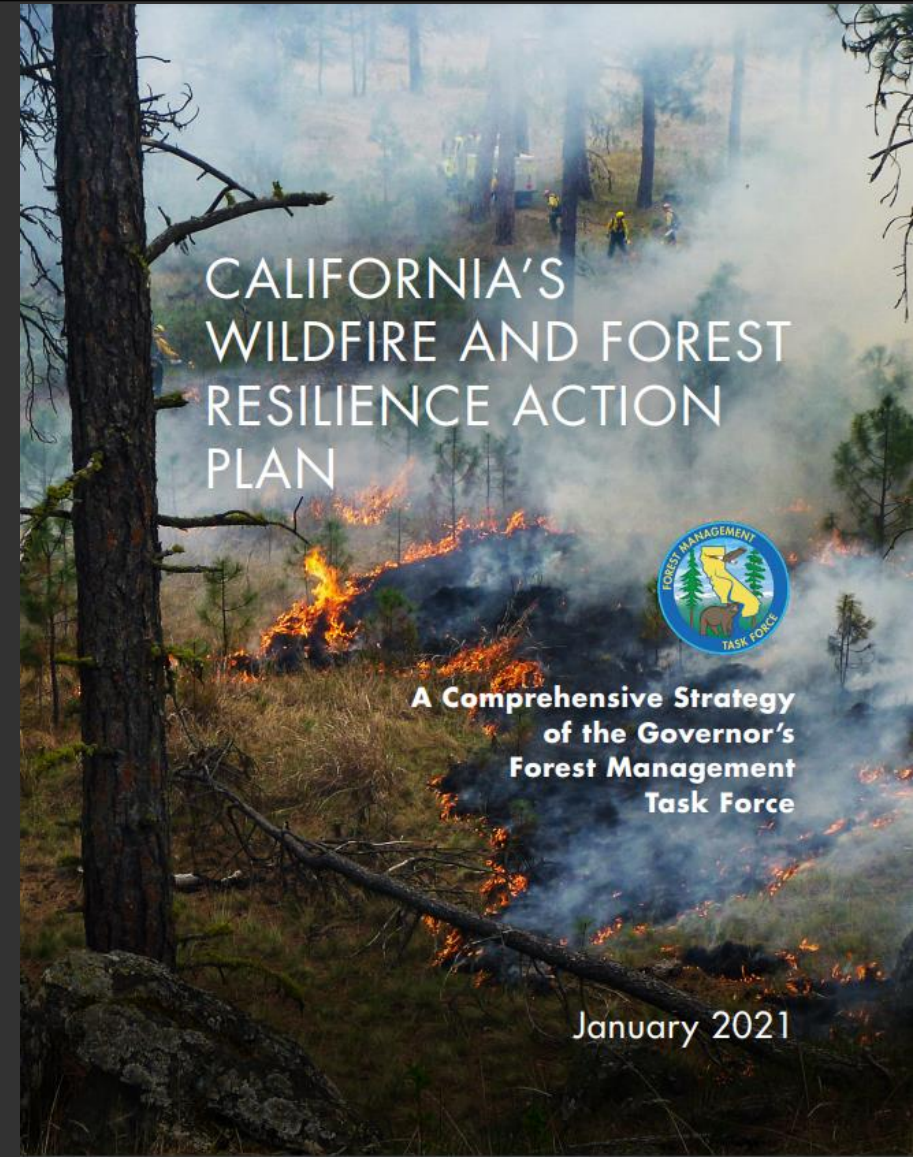
@wildfiretaskforce

@CAwildfireTG



Goal 2: Strengthen Protection of Communities

- Strengthen the Protection of Communities
 - More frequent, larger, high-severity wildfires threaten communities throughout California, with vulnerable communities located across a range of landscapes with diverse vegetation types. While better forest management will reduce wildfire risk in California's forested regions, different strategies are required to protect much of the state's population that lives in cities and towns outside of forests. Building resilience in many of these communities relies on hardening homes, buildings and infrastructure, increasing defensible space and fuel breaks, and strengthening community planning and preparedness.



Fire Adapted Communities (FAC) Work Group

- Purpose
 - This Work Group is a multi-agency effort to coordinate the implementation of the Key Action items in Goal 2 of the [Wildfire and Forest Resilience Action Plan](#). Goal 2 strives to significantly increase fire prevention, preparedness, and mitigation efforts; reducing community wildfire risk; and creating fire-adapted and resilient communities throughout the State.



Fire Adapted Communities (FAC) Work Group

- Goals
 1. Collect information for aggregation and reporting; and
 2. Advance actions in Goal 2 that are currently unassigned by creating project-specific sub work groups to do so; and
 3. Coordinate with the other work groups so that there is connectivity and resonance across the entire plan portfolio.



Fire Adapted Communities (FAC) Work Group

- Membership

Representative/Role	Organization/Agency	Representative/Role	Organization/Agency
Steven Hawks, Co-Lead	CAL FIRE		OPR
Michelle Medley-Daniel, Convener	The Watershed Center	Kate Dargan	California Fire Safe Council
Molly Mowery	Community Wildfire Planning Center	Yana Valachovic	University of California Cooperative Extension
Forest Schafer	California Tahoe Conservancy	Julia Marsili	California Fire Safe Council
Jennifer Hogan	CalOES	Lisa Worthington	Caltrans
Alan Talhelm	CARG	Michael Maguire	OPR
Tadashi Moody	CAL FIRE		

Fire Adapted Communities (FAC) Work Group

- Work Plan and Deliverables
 - The Work Group will oversee the coordination and reporting of progress made on the Key Action items.
 - Additional project-specific sub work groups will be created to coordinate and implement “unassigned” Key Action items.

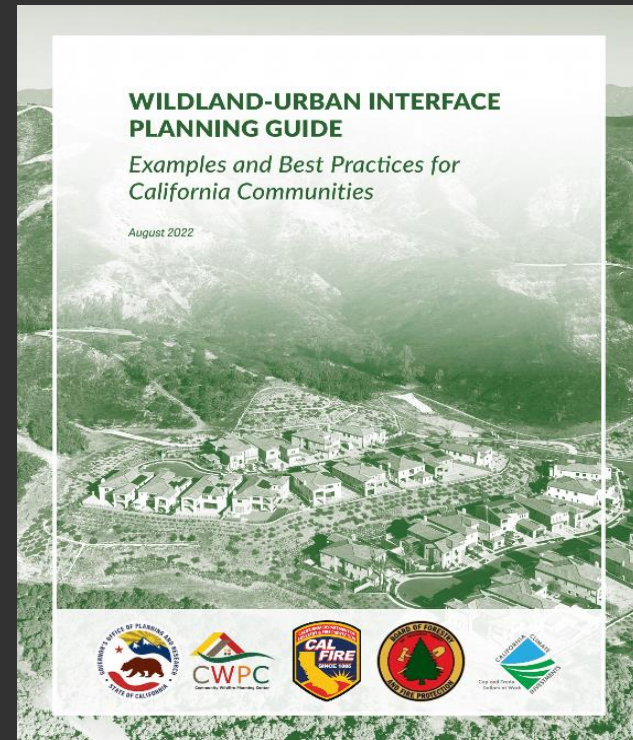


Fire Adapted Communities (FAC) Work Group

- 32 Key Action items in 6 wildfire preparedness areas
 - Support Community Risk Reduction and Adaptation Planning (8)
 - Increase Fuel Breaks (3)
 - Protect Wildfire-Prone Homes and Neighborhoods (9)
 - Improve Utility-Related Wildfire Risk (3)
 - Create Fire-Safe Roadways (6)
 - Reduce Health Impacts of Smoke (3)

Fire Adapted Communities (FAC) Work Group

- Support Community Risk Reduction and Adaptation Planning
 - 2.1 Assess Statewide Risk to Vulnerable Communities
 - 2.2 Develop Performance Measures
 - 2.3 Develop and Implement New Fire Hazard Severity Zones
 - 2.4 Update the Fire Hazard Planning Technical Advisory
 - 2.5 Develop WUI Best Practices Inventory
 - 2.6 Develop CWPP Best Practices Guide
 - 2.7 Increase Information Sharing
 - 2.8 Develop Defensible Space and Home Hardening Curriculum



Fire Adapted Communities (FAC) Work Group

- Increase Fuel Breaks
 - 2.9 Develop and Maintain 500 Fuels Management Projects
 - 2.10 Link with Landscape Scale Projects
 - 2.11 Maintain Fire Prevention Grants



Fire Adapted Communities (FAC) Work Group

- Protect Wildfire-Prone Homes and Neighborhoods
 - 2.12 Extend Defensible Space Programs
 - 2.13 Expand Assistance Programs
 - 2.14 Increase Defensible Space Inspections
 - 2.15 Improve Defensible Space Compliance
 - 2.16 Create a Model Defensible Space Program
 - 2.17 Expand Home Hardening Programs
 - 2.18 Develop Home Hardening Guidance
 - 2.19 Develop WUI Fire Safety Training Materials
 - 2.20 Develop Insurance (MOU)



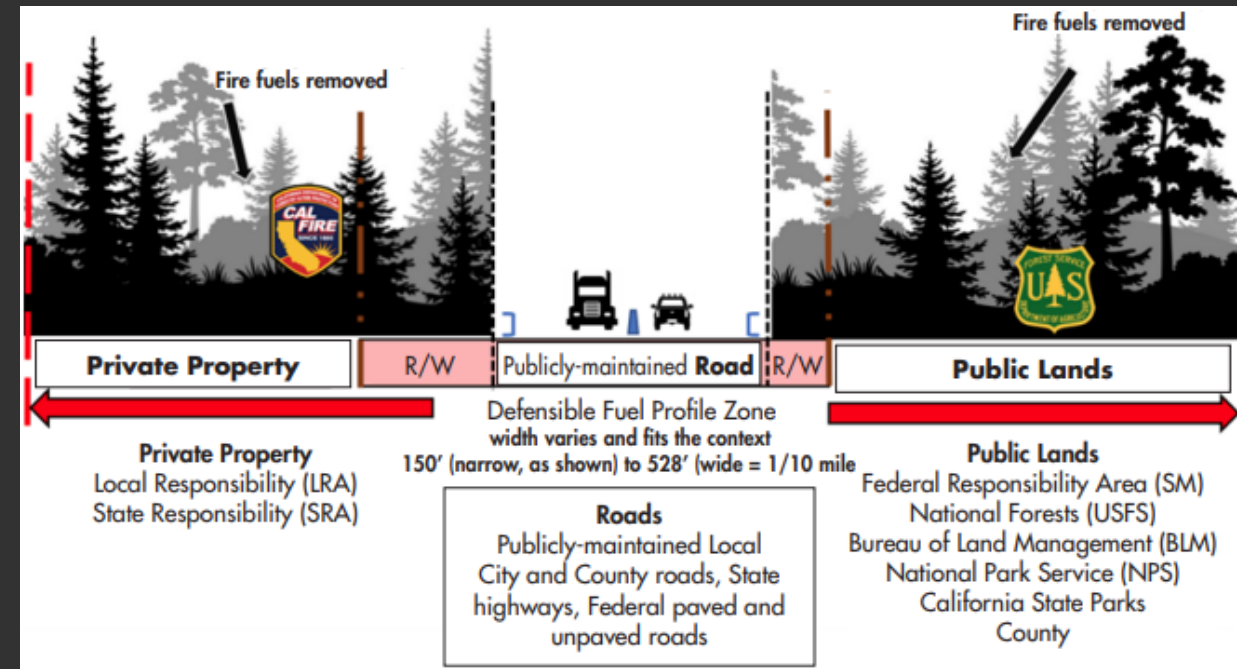
Fire Adapted Communities (FAC) Work Group

- Improve Utility-Related Wildfire Risk
 - 2.21 Review Wildfire Mitigation Plans
 - 2.22 Coordinate Utility-Related Wildfire Mitigation Initiatives
 - 2.23 Expand USFS Master Special Use Permits



Fire Adapted Communities (FAC) Work Group

- Create Fire-Safe Roadways
 - 2.24 Identify Subdivision Secondary Emergency Access
 - 2.25 Develop Framework for Safe Road Corridors
 - 2.26 Assist with General Plans
 - 2.27 Expand Highway Treatments
 - 2.28 Develop Good Neighbor Agreement
 - 2.29 Expand Messaging Campaign



Fire Adapted Communities (FAC) Work Group

- Reduce Health Impacts of Smoke
 - 2.30 Launch Smoke Ready California Campaign
 - 2.31 Release California Smoke Spotter App
 - 2.32 Enhance Prescribed Fire Reporting



California
Smoke Spotter

Helping Californians prepare
for prescribed fire & smoke



Fire Adapted Communities (FAC) Work Group

Kanban: Progress on Key Actions | ⚡ Use this data

[Sign up for free](#)

Filter Sort

2-In Progress

2.1 Assess Statewide Risk t...

GOALS

Goal 2: Strengthen Protection o...

KEY ACTION DESCRIPTION

CAL FIRE will work with other state and federal agencies to improve and refine quantitative wildfire risk assessments across all lands and ...

LEAD AGENCY

CAL FIRE OPR

ASSIGNED WORK GROUP(S)

Fire-Adapted Communities

44 records

2.3 Develop and Impleme...

GOALS

Goal 2: Strengthen Protection o...

KEY ACTION DESCRIPTION

3-Ongoing

2.7 Increase Information S...

GOALS

Goal 2: Strengthen Protection o...

KEY ACTION DESCRIPTION

DOC will coordinate an organized peer networking effort that will meet virtually through an interactive forum to share information month...

LEAD AGENCY

DOC

ASSIGNED WORK GROUP(S)

Fire-Adapted Communities

27 records

2.9 Develop and Maintain ...

GOALS

Goal 2: Strengthen Protection o...

KEY ACTION DESCRIPTION

4-Need Feedback

No records

5-Final Stages

2.2 Develop Performance ...

GOALS

Goal 2: Strengthen Protection o...

KEY ACTION DESCRIPTION

CAL FIRE will work with the Watershed Research and Training Center (WRTC) and other partners to ...

LEAD AGENCY

CAL FIRE OPR The Watershed Ce

ASSIGNED WORK GROUP(S)

Fire-Adapted Communities

TARGET DATE

12/31/2022

15 records

2.4 Update the Fire Hazard...

GOALS

Goal 2: Strengthen Protection o...

6-Completed

2.14 Increase Defensible S...

GOALS

Goal 2: Strengthen Protection o...

KEY ACTION DESCRIPTION

In 2021, CAL FIRE will expand its inspection program to meet the requirements of AB 38 (2020), which requires CAL FIRE to conduct ...

LEAD AGENCY

CAL FIRE

ASSIGNED WORK GROUP(S)

Fire-Adapted Communities

TARGET DATE

7/1/2021

13 records

2.21 Review Wildfire Mitig...

GOALS

Goal 2: Strengthen Protection o...

Fire Adapted Communities (FAC) Work Group

- Mural Board
 - Planning tool to develop additional Key Action items and the next iteration of the Wildfire and Forest Resilience Action Plan

Vision & Actions Wheel

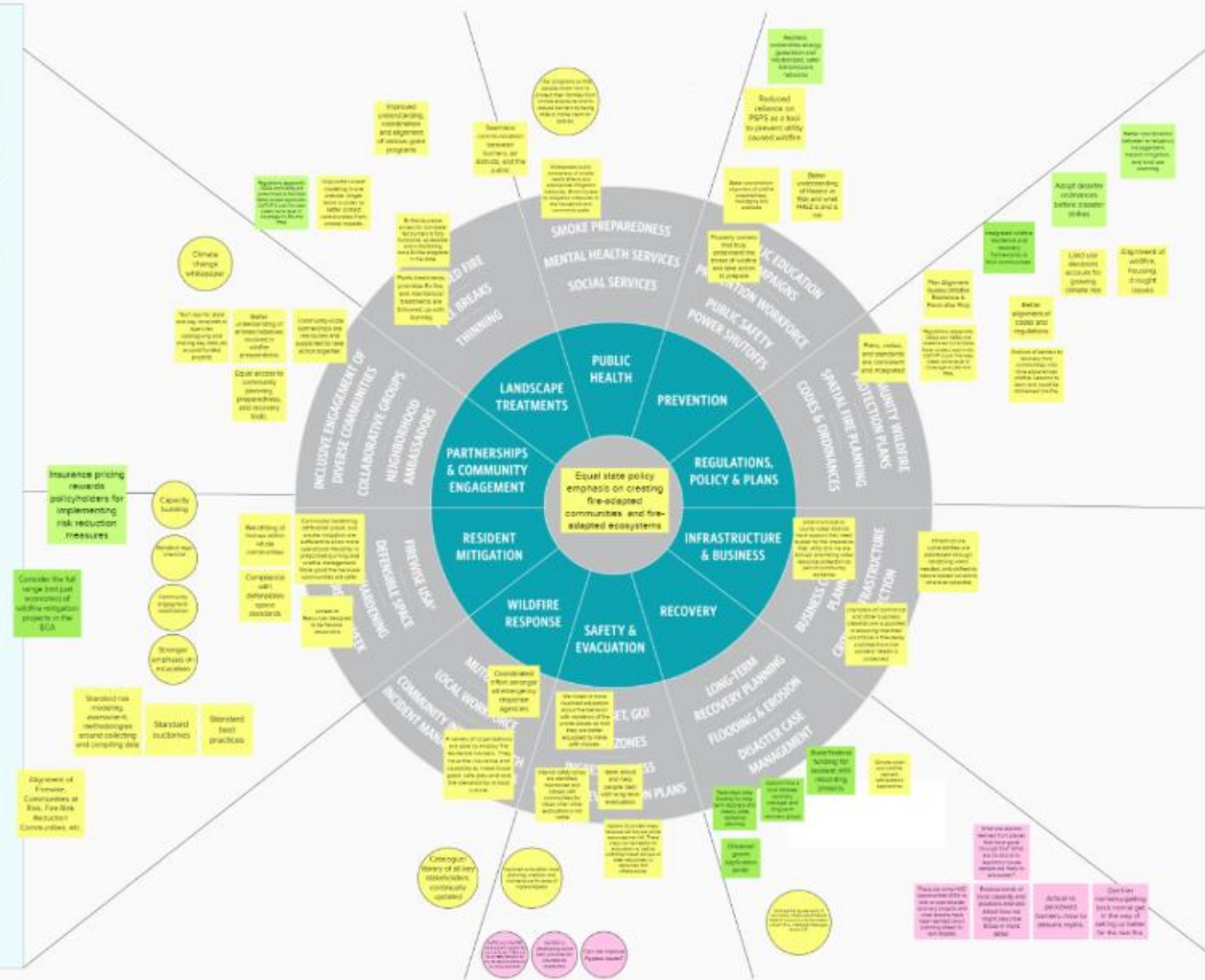
We are going to use this virtual whiteboard tool to capture information about the work you, your agencies and your partners are doing to improve fire resilience in California.

Step 1. Individually, consider the blue segments of the wheel. In a fire adapted future what is true about this topical area? For example, in resident mitigation, you might have a vision that 90% of residents in high risk areas have taken home hardening and d-space actions. Use square sticky notes to add your ideas.

*Note, if there is a critical part of your vision that does not fit on the wheel, place it in the space below.

Step 2. What actions (programs, initiatives, regulations, authorities, etc) are you aware of that are contributing to reaching the visions we described in Step 1? Use circular sticky notes to record your ideas of ACTIONS that might contribute to the outcomes recorded on square notes.

Integrate science and practice to inform prioritization



Beneficial Fire in CA: Celebrating Success & Committing to Next Steps



Lenya Quinn-Davidson, University of California Cooperative Extension

The image shows the cover of a report titled "CALIFORNIA'S STRATEGIC PLAN FOR EXPANDING THE USE OF BENEFICIAL FIRE". The background is a photograph of a wildfire in a grassy field with a large tree on the left. The title is in white, bold, sans-serif capital letters. Below the title is the date "March 2022". In the lower center, there is a logo featuring a stylized flame with a green house and trees inside it. To the right of the logo, the text "California WILDFIRE & FOREST RESILIENCE Task Force" is written in a smaller font.

CALIFORNIA'S STRATEGIC PLAN FOR EXPANDING THE USE OF BENEFICIAL FIRE

March 2022



“...the Strategic Plan will help build a culture of beneficial fire that will guide forest management in California for the decades to come. By 2025, we envision that California will have the policies, programs, capacity, and knowledge to effectively deploy sufficient prescribed fire, cultural burning, and fire managed for resource benefit— collectively referred to as beneficial fire—to meet our ecological, climate, public safety, public health, and cultural needs.”



So much progress
in the last 5 years...

22 (!!) community-based prescribed fire groups



- Klamath TREN/MKWC
- Trinity Integrated Fire Management Collaborative
- Humboldt County PBA
- Cultural Fire Management Council
- Good Fire Alliance
- Plumas Underburn Cooperative
- Mendocino County PBA
- Siskiyou PBA
- Butte PBA
- Lake County PBA
- Placer PBA
- El Dorado/Amador PBA
- Southern Sierra PBA
- Sierra-Sequoia Burn Collaborative
- Central Coast PBA
- Yolo PBA
- Lower Trinity PBA
- Hyampom PBA
- Santa Barbara Range Improvement Association
- Ventura PBA
- Yuba-Bear Burn Cooperative
- Motherlode PBA



Susie Kocher
@UCsierraforest



“How do you prescribe burn a million acres in California? With a million landowners.” Chris Paulus Rx Fire Academy workshop today.



- 356 community-led broadcast burns since 2019 with no escapes and no damages
- Thousands of people trained, connected, and inspired
- Immense momentum and interest

California State-Certified Burn Boss (CARX) Program

Mandated by SB1260 (Jackson 2018)



2021 Cohort



2022 1st Cohort
(next class planned for Dec. 5-9 in Chico)

California's first two state-certified burn bosses





Policy Changes

- Changed liability standard for fire suppression costs
SB332 (Dodd 2021)
- \$20 million to establish Prescribed Fire Claims Fund
SB926 (Dodd 2022)
- Requirement to develop proposal for CA Prescribed Fire Training Center
AB642 (Friedman 2021)



Policy Changes

- Cultural burning officially recognized and defined in state law
SB332 (Dodd 2021) &
AB642 (Friedman 2021)
- Cultural practitioners have access to liability changes and claims fund
SB332 (Dodd 2021)
SB926 (Dodd 2022)

What next...?



Time to implement (& expedite) new
programs and policies



Karuk WTREX 2022
Photo by Mike Hentz

PBAs

- Continue to support development and success of PBAs through funding, permitting, cooperative burning, etc.
- Educate local CAL FIRE staff on the importance of this work and recent policy changes





CARX

- Fewer than 10 state-certified burn bosses since program was mandated in 2018
- Need more instructors
- Committed funding/support?
- Ensure unit-level CAL FIRE staff understand and respect certification



Liability/Insurance

- Liability changes per SB332 require CARX...
- Need to quickly and collaboratively establish Claims Fund, with intent to maximize utility and effectiveness of the funding
- Further explore and utilize liability sharing pathways with CAL FIRE



Prescribed Fire Training Center

- Federal agencies moving forward with Western PFTC; need to invest in state/private/cultural training models
- Immediate opportunities—invest in places/partnerships that are already successfully leading this work
- Continue to develop new landscapes and partners for training

Cultural Burning

- Address issues around tribal sovereignty and burn permitting
- Identify Cultural Burning Liaison (per AB642)
- Continue to support and respect cultural tradition and practice





Thank you!

Lenya Quinn-Davidson

University of California Cooperative Extension

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CALFIRE Damage Inspection

Closing the gap from response to recovery and
aiding in research

Presentation Overview

- **The Past- Prior to 2015 fire season**
- **Response- 2015 to current**
- **Recovery**
- **Research**
- **Planning P for DINM**

Damage Inspection Program past

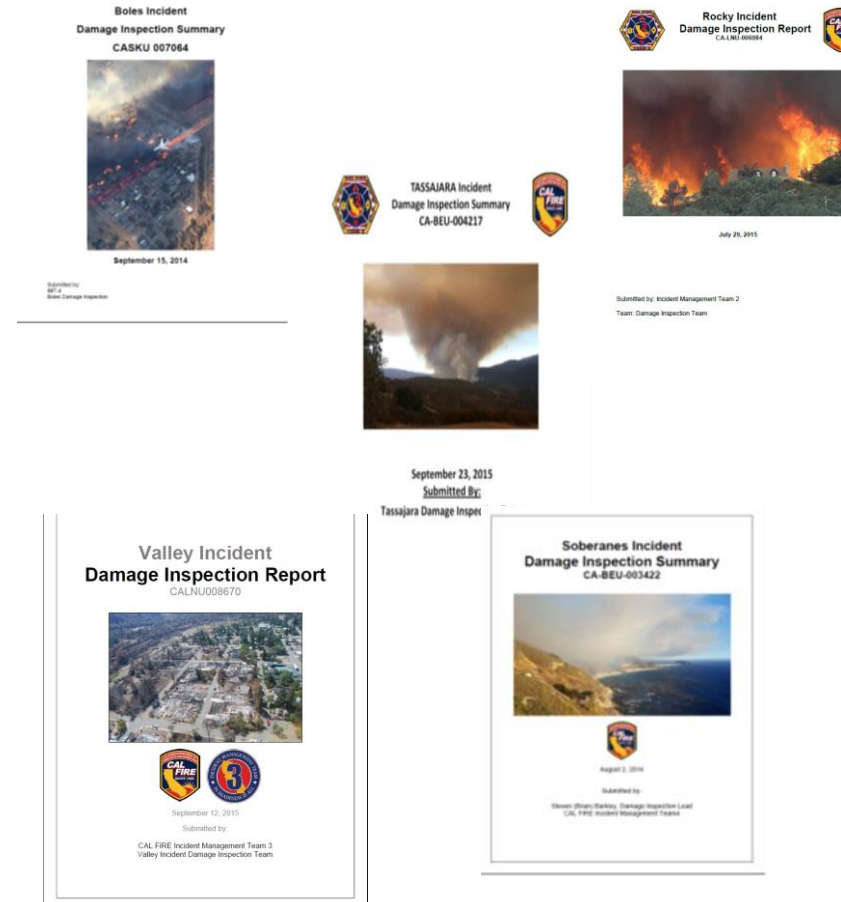
The Past

- Prior to 2015, no centralized program
- Low tech – paper data gathering
- Varying data collection fields
- Varying final report standards
- Subjective based on Incident Management Team, political environments, location, other reasons

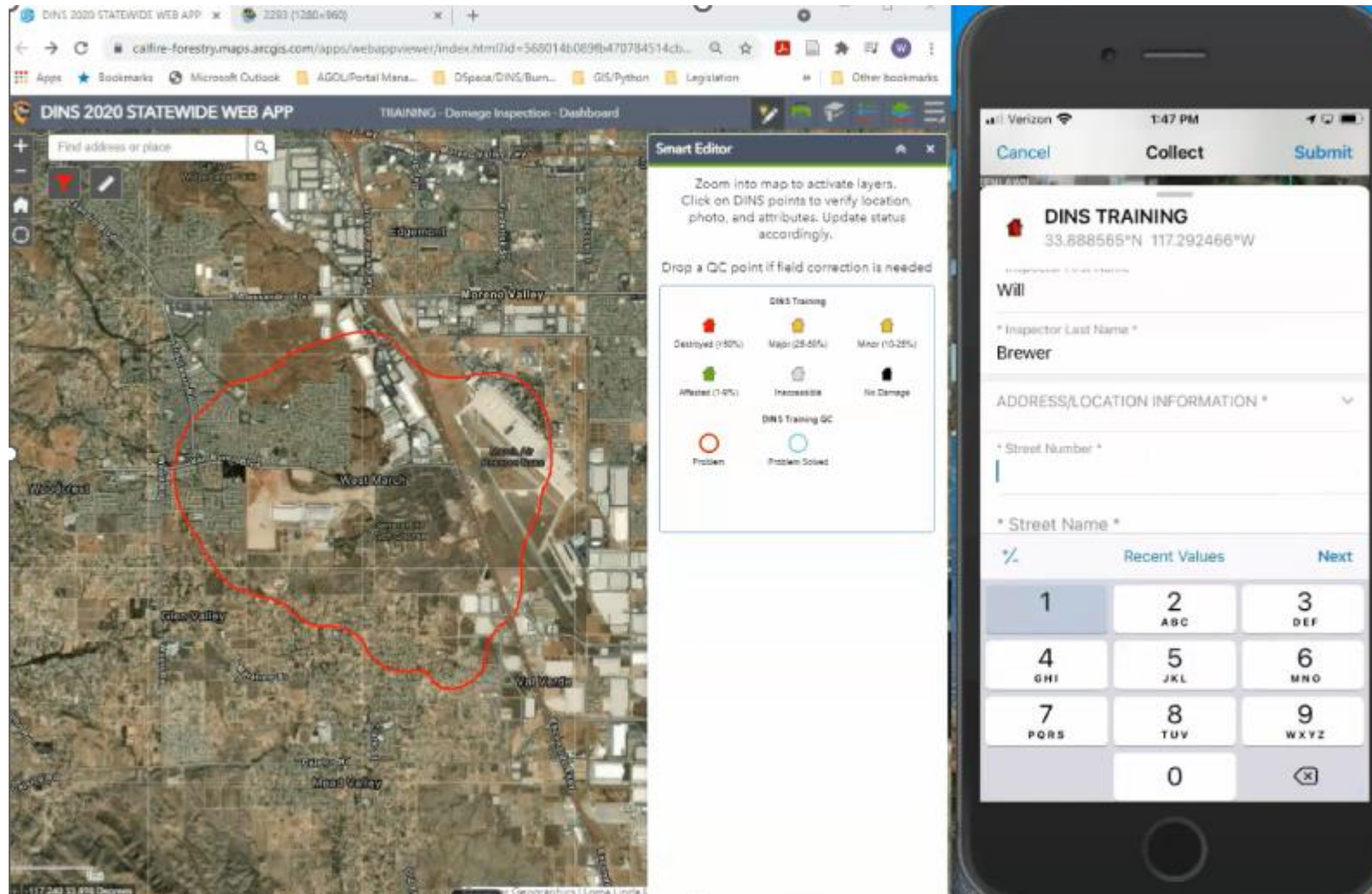
Damage Inspection Program Overview

Since the Boles Fire

- 2015 through 2022 fire seasons saw a significant number of structures damaged or destroyed
- DINS deployed on 54 major fires throughout the state
- 56,000 + damaged or destroyed structures documented
 - Any permanent structure, min 120sqft in size

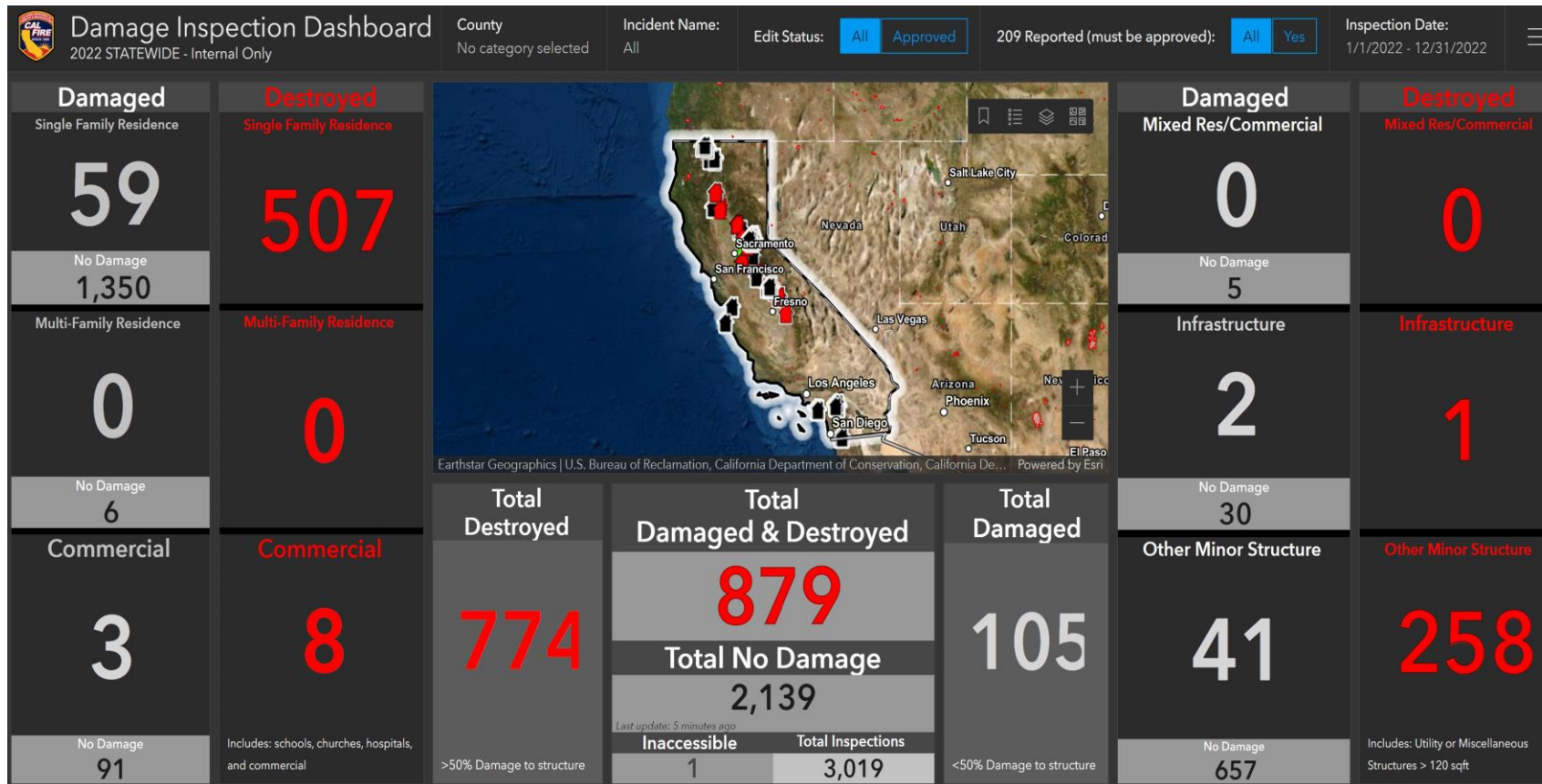


Data Collection



Deliverables

- ArcGIS Online (AGOL) Dashboard
 - Provides live updates of progress (ICs and Executive)



Deliverables

Incident Status Summary (ICS-209)

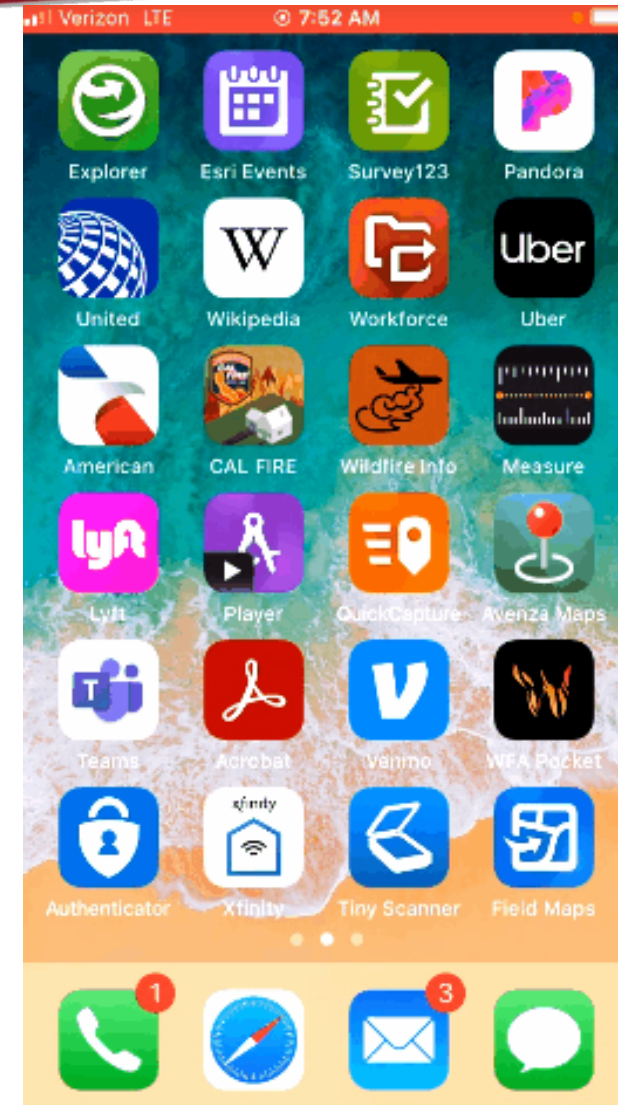
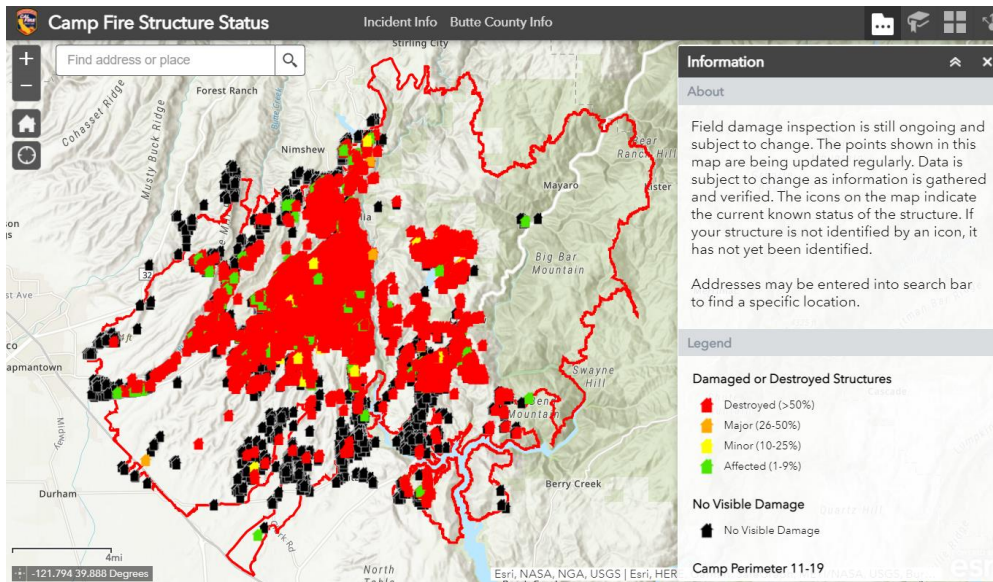
Incident: CREEK

Narrative:				
29. Primary Fuel Model, Materials, or Hazards Involved (hazardous chemicals, fuel types, infectious agents, radiation, etc): Chaparral (6 feet) Brush (2 feet) Tall Grass (2.5 feet) Narrative: Significant amounts of unburned fuel are still present within the fire perimeter. Heavy, decadent brush in excess of 30 feet located in various drainages inside the perimeter.				
30. Damage Assessment Information (summarize damage and/or restriction of use or availability to residential or commercial property, natural resources, critical infrastructure and key resources, etc): DINS teams are continuing to assess, evaluate and record damaged & destroyed structures. DINS teams have confirmed 117 destroyed structures and 78 damaged structures. As ongoing assessment continues, estimates of damaged structures may increase.	A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
	E. Single Residences	2,500	54	60
	F. Multiple Residences	0	0	0
	G. Mixed Commercial / Residential	0	0	0
	H. Nonresidential Commercial Property	0	2	6
	I. Other Minor Structures	0	24	57

Deliverables

Public Web Map

- Used for major incidents
- Releasing data publicly reduces pressure on the incident

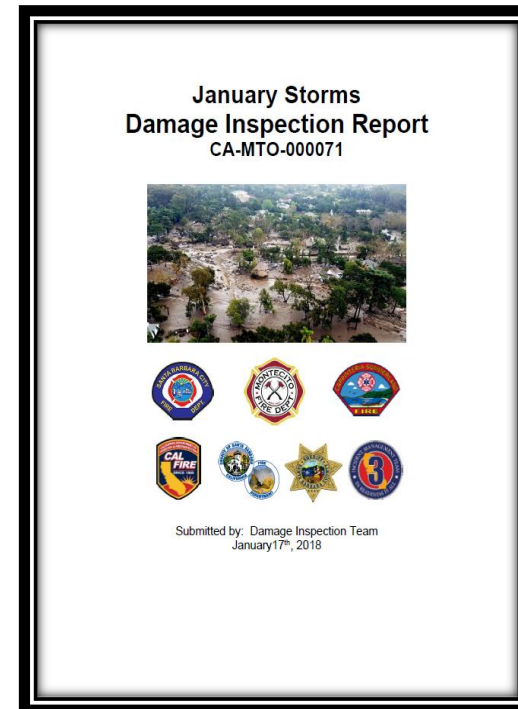


Deliverables

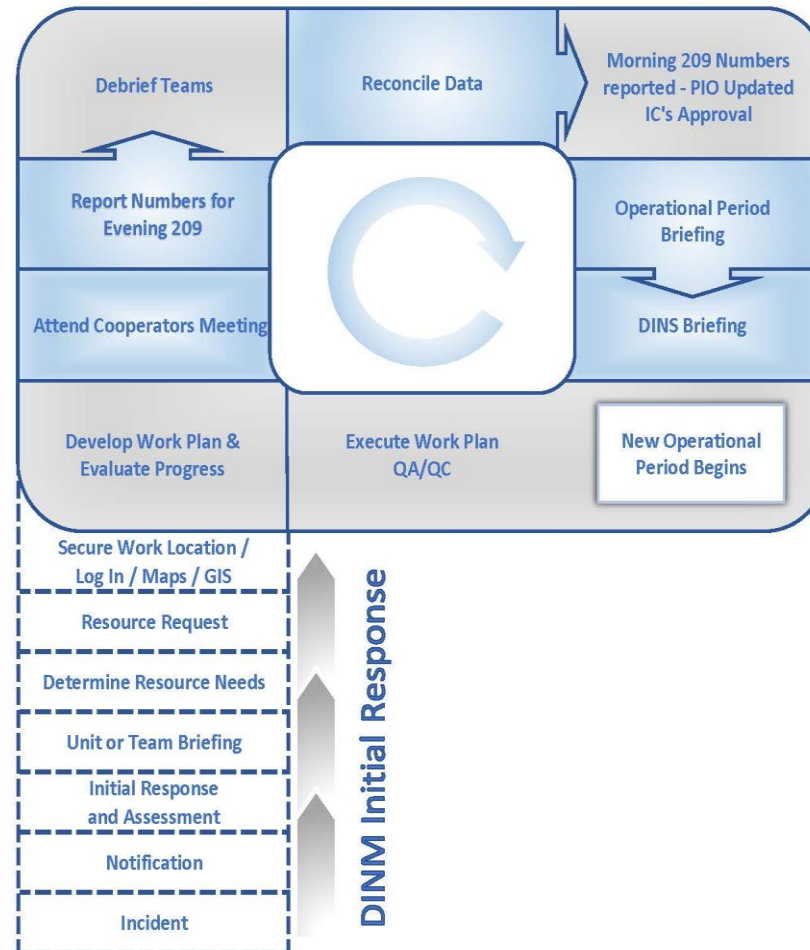


Deliverables

- Final Damage Inspection Report
 - Given to IMT, local unit/county, AHJ, others.
 - A comprehensive overview of the incident DINS information
 - Standardized template
 - GIS data files also disseminated



Planning P



Recovery

- Cooperators - Governmental

- Building Department
- Assessor's Office
- CALTRANS engineers
- Fire Department personnel
- Law enforcement
- Agriculture Department
- Utility companies
- Natural resource managers
- Waste management
- Local emergency services
- State & federal agencies
- District Attorney's



FEMA



Recovery

- Cooperators - Private
 - Public notification
 - Business owners
 - Insurance industry
 - Service Groups
 - Developers/engineers
 - Real estate companies
 - Media
 - Non-profits



Research

- DINS Data Improves Research through Collaboration
 - National Institute for Standards and Technology (NIST)
 - Insurance Institute for Business and Home Safety (IBHS)
 - UC Cooperative Extension
 - National Scholastic Institutions



Questions?



Staff Chief Frank Bigelow
frank.bigelow@fire.ca.gov



Deputy Chief John Morgan
john.morgan@fire.ca.gov



Roundtable / Public Comment

- Roundtable
 - Topic Suggestions for Next Meetings
<https://forms.gle/Wefg6YnrnUGYS8ua9>
- Public Comment

Upcoming Meeting Dates for 2022

The Committee shall meet on the third Tuesday of each month from 1:00 PM – 3:00 PM

- Nov 15, 2022
CNRA Building, 2-221 Conference Room Block
715 P St, Sacramento, CA
 - Featuring presentations from:
 - Board of Forestry and Fire Protection
 - 0–5-foot Zone 0 Regulations
 - Fire Risk Reduction Community list
 - Fire Safe Regulations
 - CAL FIRE Programs Presentations
 - CALMAPPER and Subdivision Review Program Overview
 - University of California Cooperative Extension (UCCE)
 - Fire Advisor Program
- To view the entire list of upcoming presenters, visit:
[Wildfire Mitigation Advisory Committee \(ca.gov\)](https://www.ca.gov/wildfire-mitigation-advisory-committee)

Meeting Adjournment (Motion Required)

- Copies of the written materials have been posted on the Office of the State Fire Marshal web site at <https://osfm.fire.ca.gov/>.
- For information concerning the Advisory Committee Meeting, please contact Kara Garrett at (916) 201-5539 or Kara.Garrett@fire.ca.gov.
- NOTE: Items designated for information are appropriate for committee action if the committee chooses to act. The agenda order is tentative and subject to change. Agenda items may be taken out of order to facilitate the effective transaction of business. The Committee may not discuss or act on any matter raised during the public forum period, except to decide whether to place the matter on the notice and agenda of a future committee meeting.